

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
21 May 2004 (21.05.2004)

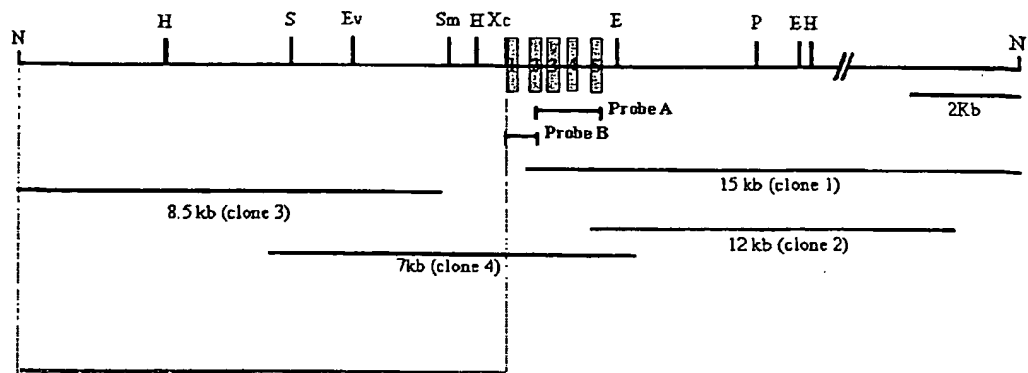
PCT

(10) International Publication Number  
WO 2004/042062 A1

- (51) International Patent Classification<sup>7</sup>: C12N 15/11 (74) Agent: DARAE PATENT FIRM; 10th Floor, KIPS, 647-9, Yeoksam-dong, Kangnam-ku, 135-980 Seoul (KR).
- (21) International Application Number: PCT/KR2003/002339 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 4 November 2003 (04.11.2003) (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (25) Filing Language: Korean
- (26) Publication Language: English
- (30) Priority Data:  
10-2002-0067856 4 November 2002 (04.11.2002) KR  
10-2003-0077256 3 November 2003 (03.11.2003) KR
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- Published:  
— with international search report
- (48) Date of publication of this corrected version: 30 June 2005
- (15) Information about Correction: see PCT Gazette No. 26/2005 of 30 June 2005, Section II

[Continued on next page]

(54) Title: PORCINE UROPLAKIN II PROMOTER AND THE PRODUCTION METHOD OF USEFUL PROTEINS USING SAID PROMOTER



Porcine UPII promoter : 8847kb

(57) Abstract: The present invention relates to a porcine uroplakin II gene promoter, an expression vector containing the promoter, and a method for producing useful proteins using the vector. The promoter of the present invention promotes the bladder-specific expression of a target protein at high efficiency. An animal, which was transformed using the inventive promoter so as to express the target protein, secretes the target protein in its urine at high concentration, and the protein thus produced shows a superior physiological activity to that of the same kind of the existing protein. As a result, the inventive promoter, the expression vector and transgenic animal using the promoter, can be advantageously used in the production field of useful proteins that are medicinally valuable.

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